ABB

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PRODUCT-DETAILS

MKey8Z 24VDC
MKey8Z 24VDC Switch

General Information

Extended Product Type	MKey8Z 24VDC
Product ID	2TLA050011R0122
EAN	7350024466478
Catalog Description	MKey8Z 24VDC Switch
	Safety interlock switch, stainless steel housing and head lock, 3xM20 conduits entries, +24VDC power to unlock. Delivered with standard key.
Long Description	MKey are mechanical safety switches used for monitoring doors and hatches. The switch is mounted on the frame and the actuator key on the moving part of the guard. All MKey models have a safe interlocking function. Some MKey models can be locked and depending on the locking signal they can be used either as process locks or safety locks (with a safe unlocking function). MKey switches are available in different material and sizes in order to meet the requirements of different applications.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	8536500700
Product Main Type	MKey
Product Name	Switch

Function	Safety mechanical switch for interlocking with locking (Safety)
Special Functions	With auxiliary release

Popular Downloads

Data Sheet, Technical Information	2TLC010001C0202
Instructions and Manuals	2TLC172245M0201
Wiring Diagram	2TLC010025T0001
CAD Dimensional Drawing	2CDC001079B0201
Marketing Video	2TLC010018N0201

Dimensions

Product Net Depth / Length	47 mm
Product Net Height	177 mm
Product Net Width	48 mm
Product Net Weight	0.867 kg

Safety Information

Performance Level (PL)	Up to e
Safety Integrity Level (SIL)	1
	2
	3
B10d Value	Operations at 100 mA Load 2.5 million

Technical

Number of Contacts NC	2
Number of Contacts NO	4
Rated Control Supply Voltage (U_s)	24 V DC

Environmental

Ambient Air Temperature	Operation -25 ... 40 °C
Degree of Protection	IP67
	IP69K
Material	Stainless steel

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2022-006480
RoHS Information	2CMT2022-006499
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances	2CMT2023-006522

Control Act - TSCA	
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

Declaration of Conformity - CCC	None available
Declaration of Conformity - CE	2TLC172101D0201
Declaration of Conformity - UKCA	2TLC010183D0201
UL Certificate	2TLC010020D0201

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	200 mm
Package Level 1 Depth / Length	60 mm
Package Level 1 Height	65 mm
Package Level 1 Gross Weight	1.315 kg
Package Level 1 EAN	7350024466478

Classifications

eClass	V11.0 : 27270611
ETIM 7	EC002593 - Position switch with guard locking
ETIM 8	EC002593 - Position switch with guard locking
ETIM 9	EC002593 - Position switch with guard locking
Object Classification Code	B

Categories

Low Voltage Products and Systems → Control Products → Safety Products → Safety Sensors, Switches and Locks → MKey

2024/04/12   Subject to change without notice